

# Notice of Allowability

Application No.

09/911,760

Applicant(s)

MCCALL ET AL.

Examiner

John B. Vigushin

Art Unit

2827

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 24 April 2003.
2. ☒ The allowed claim(s) is/are 1-29.
3. ☒ The drawings filed on 23 July 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |  |  |
|--|--|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)  | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                 |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 4 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>0703</u> . |
| 5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. <u>1202a, 1202b, and 0403.</u> | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment                         |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material                       | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance        |
|  | 9 <input type="checkbox"/> Other   |

### **DETAILED ACTION**

1. The present Office Action is responsive to Applicant's Amendment filed April 24, 2003. The Examiner acknowledges the amendments to Claims 10, 11, 14, 16, 17, 19 and 21. Claims 1-29 remain pending in the instant amended Application.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

A) Authorization for this examiner's amendment was given in a telephone interview with Applicant's Attorney, Alan K. Aldous, on July 25, 2003.

The Specification has been amended as follows:

On p.16, line 23: "P55" has been changed to --P61--.

On p.16, line 23: "P56" has been changed to --P62--.

On p.16, line 24: "P57" has been changed to --P63--.

On P.16, line 24: "P58" has been changed to --P64--.

B) Additionally, the Examiner has noted and corrected minor grammatical errors in Claim 21 in order to agree with the plural "terminations" as follows:

In amended Claim 21, line 7: "an" has been deleted.

In amended Claim 21, line 13: "an" has been deleted.

***Information Disclosure Statement (IDS)***

3. In the Form PTO-1449 of the IDS filed December 30, 2002 (filed as Paper No. 1202b), the listed patent number corresponding to Fan et al. was corrected by the Examiner from "6,981,164 B1" to --6,381,164 B1--.

***Allowable Subject Matter***

4. Claims 1-29 have been allowed.

5. The following is an examiner's statement of reasons for allowance:

As to Claims 1-15, patentability resides in **the combination of a first path of conductors, as claimed, that terminates on the module terminations of the second module and a second path of conductors, as claimed, that terminates on the module terminations of the first module**, in further combination with the other limitations of base Claim 1.

As to Claims 16-20, patentability resides in that *the second path includes a second end for interfacing with the controller and the second path does not interface with a module between the second end and the second module*, in combination with the other limitations of base Claim 16.

As to Claims 21-29, patentability resides in the limitation wherein *a first section of the second path, which is a short loop through section, couples to stubs for third and fourth chips of the second module and a section of the second path couples to stubs for third and fourth chips of the first module*, in combination with the other limitations of base Claim 21.

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6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B. Vigushin whose telephone number is 703-308-1205. The examiner can normally be reached on 8:30AM-5:00PM Mo-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Talbott can be reached on 703-305-9883. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7382 for regular communications and 703-308-7382 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

jbv  
July 26, 2003

John B. Vigushin  
Examiner  
Art Unit 2827



DAVID L. TALBOTT  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800